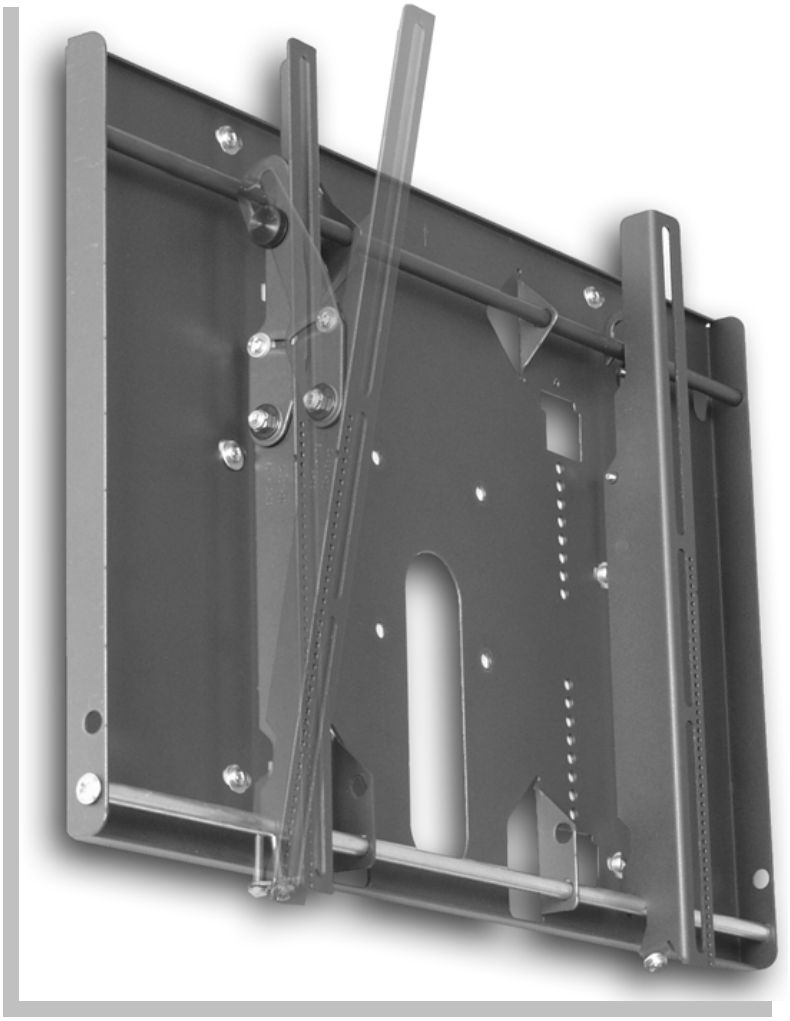
INSTALLATION MANUAL



CTM-MS2

Premier Mounts
3130 E. Miraloma Avenue
Anaheim, CA 92806
Phone: (800) 368-9700 Fax: (800) 832-4888
mounts@mounts.com www.mounts.com

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Warning Statements

WARNING: THE WALL STRUCTURE MUST BE CAPABLE OF SUPPORTING 160 LBS. IF NOT, THE WALL STRUCTURE MUST BE REINFORCED. PROPER INSTALLATION PROCEDURE BY A QUALIFIED SERVICE TECHNICIAN, AS OUTLINED IN THE INSTALLATION INSTRUCTIONS, MUST BE ADHERED TO. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY, OR EVEN DEATH.

WARNING: SAFETY MEASURES MUST BE PRACTICED AT ALL TIMES DURING THE INSTALLATION OF THIS PRODUCT. USE PROPER SAFETY GEAR AND TOOLS FOR THE INSTALLATION PROCEDURE TO PREVENT PERSONAL INJURY.

WARNING: PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS SHOULD BE READ AND COMPLETELY UNDERSTOOD. THE INSTALLATION INSTRUCTIONS MUST BE READ TO PREVENT PERSONAL INJURY AND PROPERTY DAMAGE. KEEP THESE INSTALLATION INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION FOR FUTURE REFERENCE.

Indicates that the power plug is to be disconnected from the power outlet.

Safety precautions must be taken at all times.

Warning and Caution statements.

Contact Premier Mounts with any questions.

Do not install on a structure that is prone to vibration, movement or chance of impact. Failure to do so could result in damage to the flat panel display and/or damage to the mounting surface.

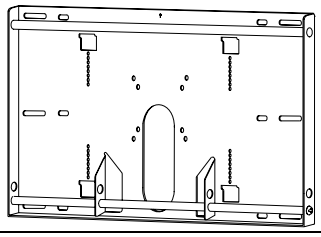
Do not install near heater, fireplace, direct sunlight, air conditioning or any other source of direct heat energy. Failure to do so may result in damage to the flat panel display and could increase the risk of fire.

At least two qualified people should perform the installation procedure. Injury and/or damage can result from dropping or mishandling the flat panel display.

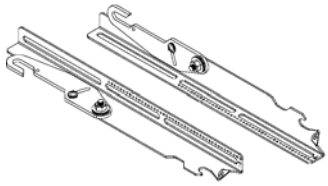
Parts List

NOTE: This wall mount is shipped with all proper installation hardware and components. Make sure that none of these parts are missing and/or damaged before beginning installation. If there are parts missing and/or damaged, please stop the installation and contact Premier Mounts (800-368-9700).

WM4000 Wall Plate (Qty 1)

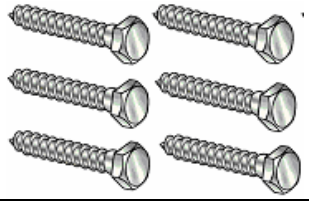


Mounting Brackets (Qty 2)

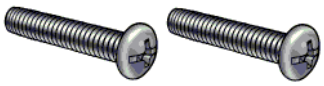


5/16" Flat Washers (Qty 6)

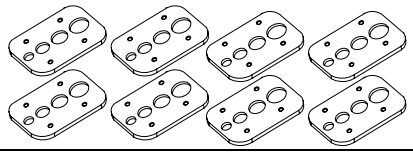
5/16" x 3" Lag Bolts (wooden studs only) – (Qty 6)



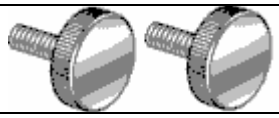
M6 x 30mm Lateral Shift Locking Screws (Qty 2)



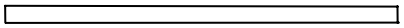
Griplates™ (Qty 8)



M6 x 12mm Safety Knobs (Qty 2)



Thread Depth Indicator

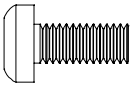


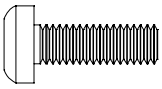
Installation Tools

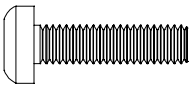
Phillips Head Screw Driver
Pencil
Level (Supplied)
Soft Material/ Blanket
Tape Measure
5/16" Socket and Wrench
Drill Gun

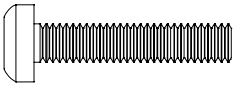
M4 x 16 (Qty 8)

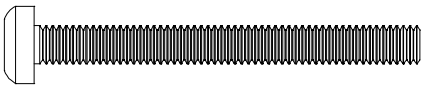
M4 x 25 (Qty 4)

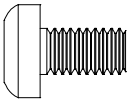
M5 x 12  (Qty 8)

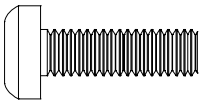
M5 x 16  (Qty 6)

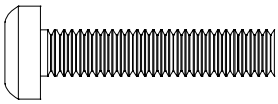
M5 x 20  (Qty 6)

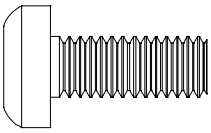
M5 x 25  (Qty 4)

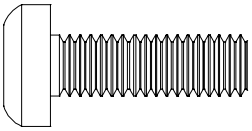
M5 x 50  (Qty 4)

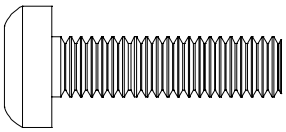
M6 x 12  (Qty 8)

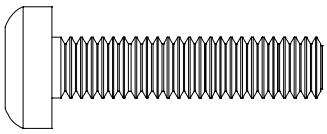
M6 x 20  (Qty 6)

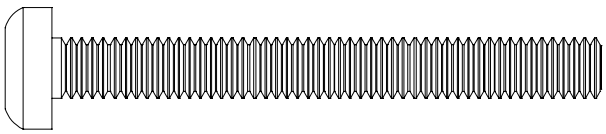
M6 x 30  (Qty 2)

M8 x 20  (Qty 6)

M8 x 25  (Qty 6)

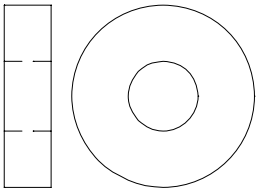
M8 x 30  (Qty 6)

M8 x 35  (Qty 4)

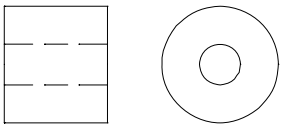
M8 x 70  (Qty 4)

Nylon spacers and flat washers actual size

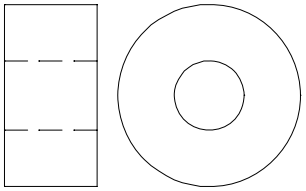
NOTE: The nylon spacers may be stacked to achieve proper spacing.



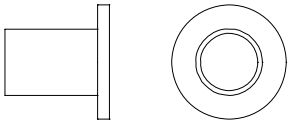
1/4" Nylon spacers
(large)
(Qty 6)



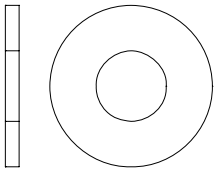
9/16" Nylon spacers
(Qty 6)



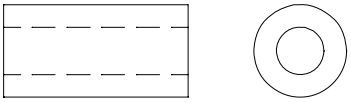
1/2" Nylon spacers
(large)
(Qty 12)



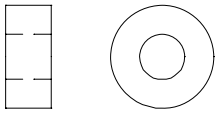
Nylon sleeves
(Qty 4)



5/16" Flat washers
(metal)
(Qty 6)



1" Nylon spacers
(Qty 6)



1/4" Nylon spacers
(small)
(Qty 6)

Thread Depth Indicator

1. Insert the thread depth indicator (supplied) through the thread inserts found on the back of the flat panel to make sure the inserts measure the same full depth and mark it (Figure 1).
2. Locate the correct diameter screw for the thread insert. Compare your marking to the screws (supplied).
3. If your selected screw is longer than the marking on the thread depth indicator, DO NOT USE this screw.
4. The screw length must not bypass the marking. Select another screw size (Figure 2 and 3), until you find one that comes closest to your mark without going past.

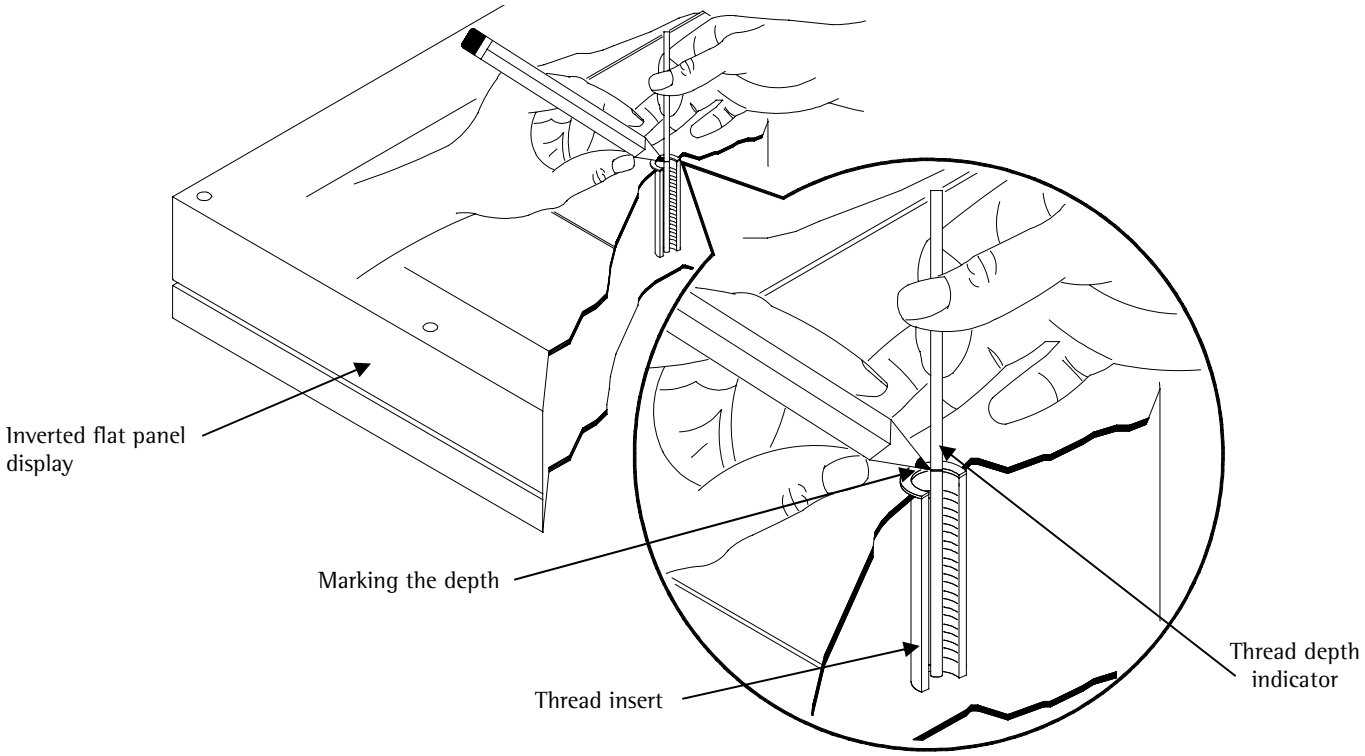


Figure 1

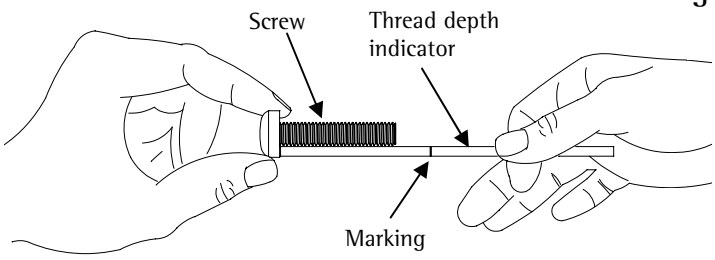


Figure 2

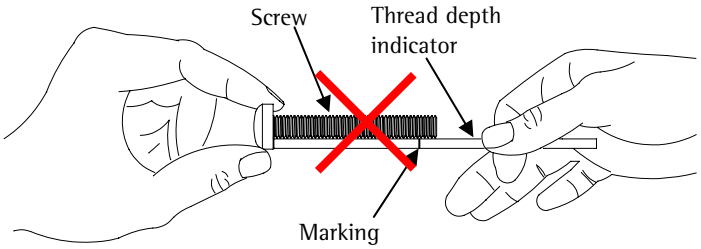


Figure 3

Mounting Bracket Installation

NOTE: Proper installation procedure by qualified personnel as outlined in the installation instructions must be adhered to. Failure to do so could result in serious personal injury and possible damage to the flat panel.

WARNING: INVERT THE FLAT PANEL PLACE IT ON A SOFT, FLAT SUFRACE TO PREVENT DAMAGE TO THE FLAT PANEL. USE A BLANKET, FOAM, ETC. FAILURE TO DO SO WILL RESULT IN DAMAGING THE FLAT PANEL. DO NOT LAY THE FLAT PANEL ON THE FLOOR WITHOUT ANY PROTECTION TO THE GLASS. THE FLAT PANEL IS HEAVY AND FRAGILE. AT LEAST (2) QUALIFIED PERSONNEL ARE STRONGLY RECOMMENDED FOR INSTALLATION OF THIS PRODUCT. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY AND POSSIBLE DAMAGE TO THE FLAT PANEL.

1. Once the flat panel is inverted, use a measuring tape to find the center of your flat panel measuring from outside to outside of the chassis (Figure 4).
2. Using a pencil lightly mark the center of your flat panel (Figure 5).

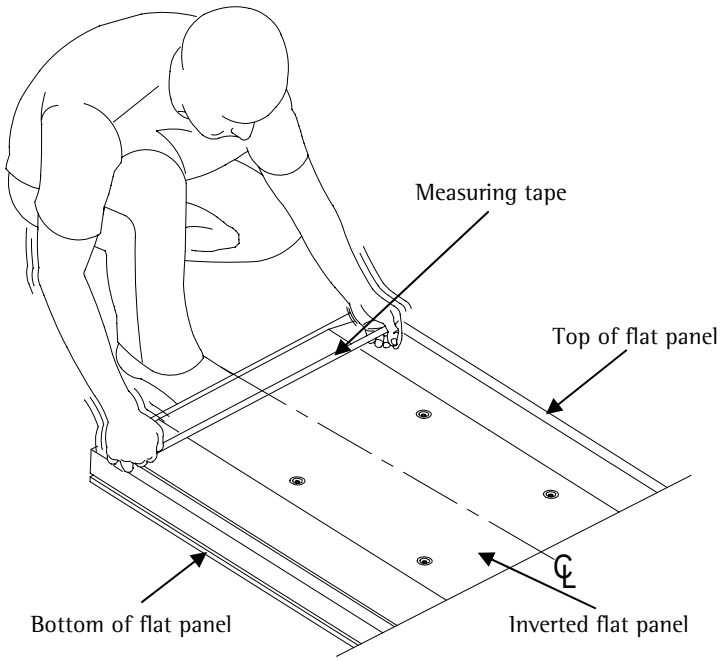


Figure 4

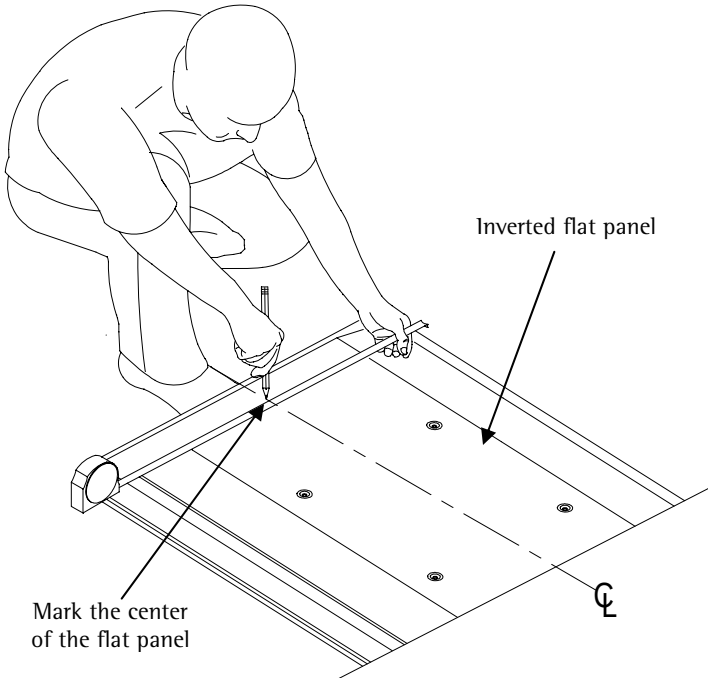


Figure 5

3. Install the nylon spacers (if needed) to the mounting points on the flat panel (Figure 6).
4. Lay the left and right mounting brackets (stamped arrows facing out) - (Figure 7).

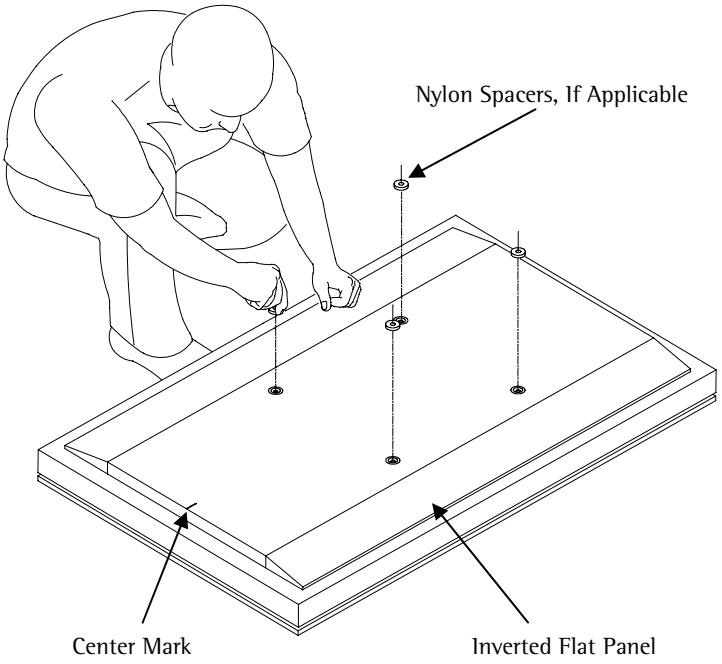


Figure 6

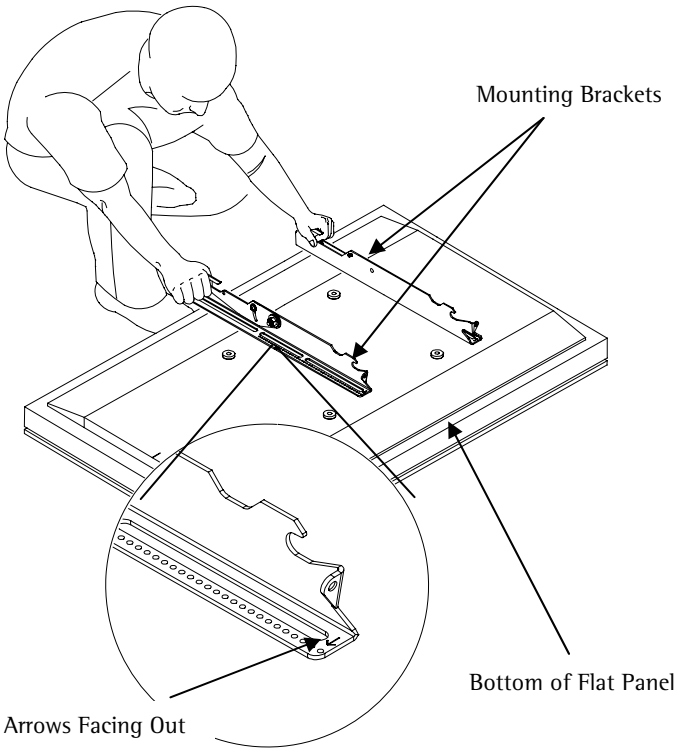


Figure 7

5. Match the center of viewing guide with the centerline you marked in Step 1 (Figure 8).
6. The mounting brackets are designed with a center of viewing guide on the outside (Figure 9).

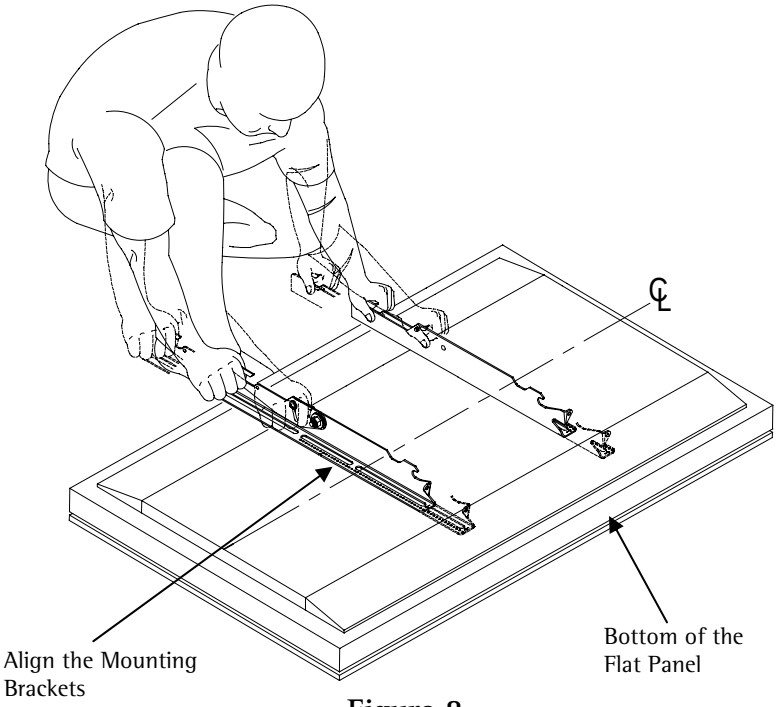


Figure 8

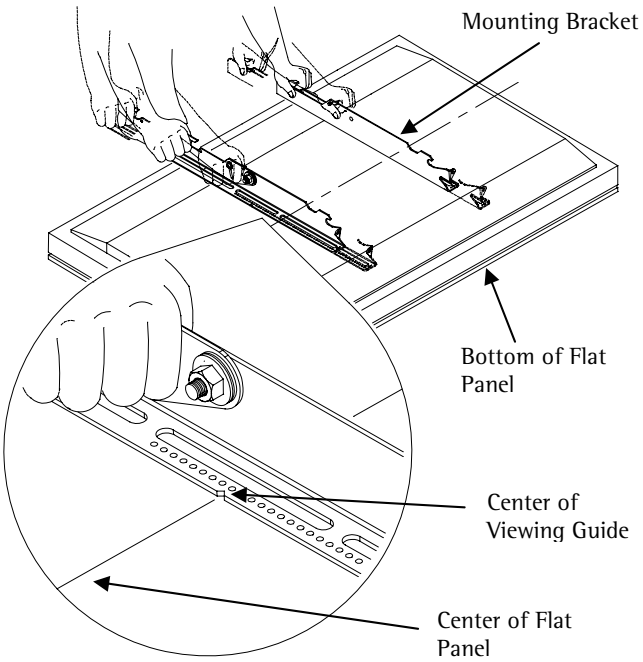


Figure 9

7. The Griplates™ have M4, M5 M6 and M8 hole patterns to fit the hardware that your flat panel requires. EXAMPLE: If your plasma uses M8 x 20 Phillip screws. Use the M8 mounting points (Figure 10).
8. Once the mounting brackets are aligned secure the Griplate™ to the flat panel. Use (1) Griplate™ per mounting point (Figure 11).

NOTE: The dimples of the top plates have to be facing up and the bottom dimples must be facing down.

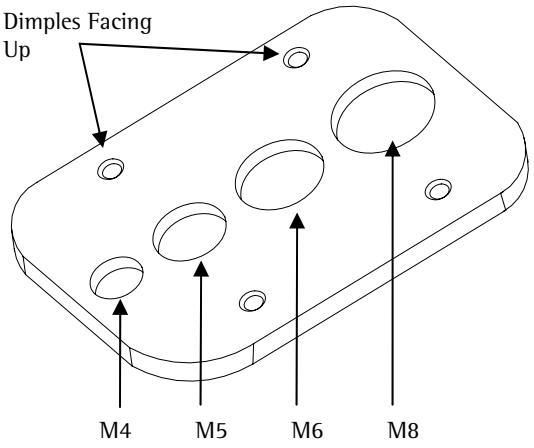


Figure 10

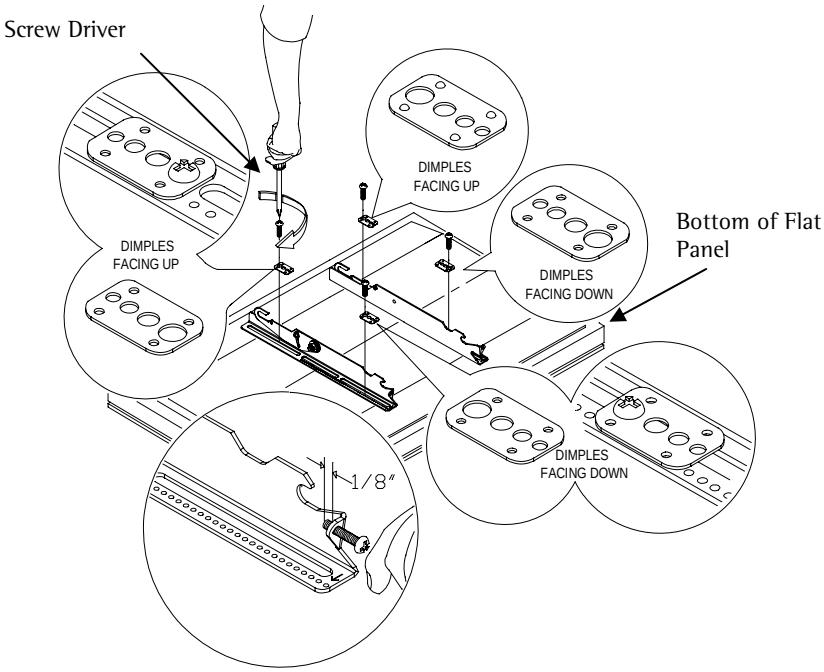


Figure 11

CTM-MS2 Installation

1. Using a (commercially available) wood stud finder, locate the 16” or 24” stud centers behind the wall (Figure 12).
2. Once found, make a pencil marking on the center of the wood studs (Figure 13).

NOTE: The wall plates have 16” and 24” mounting slot positions.

3. Place the wall plate to the reference line and mark the nine (9) lag bolt mounting points through the wall plate slots on the wall.

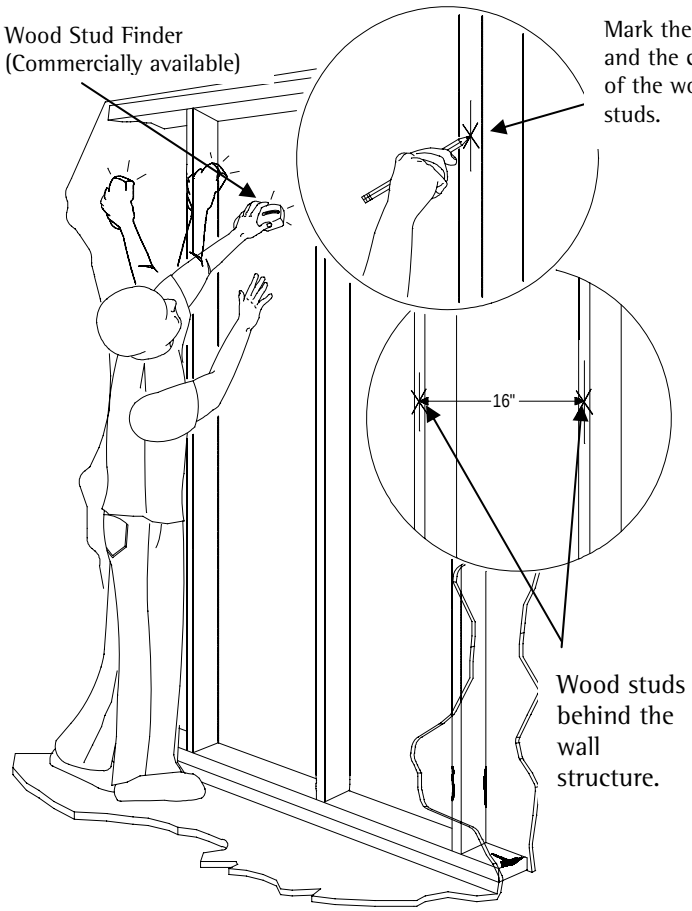

Wood Stud Finder
(Commercially available)
Mark the wall and the center of the wood studs.
16"
Wood studs behind the wall structure.

Figure 12

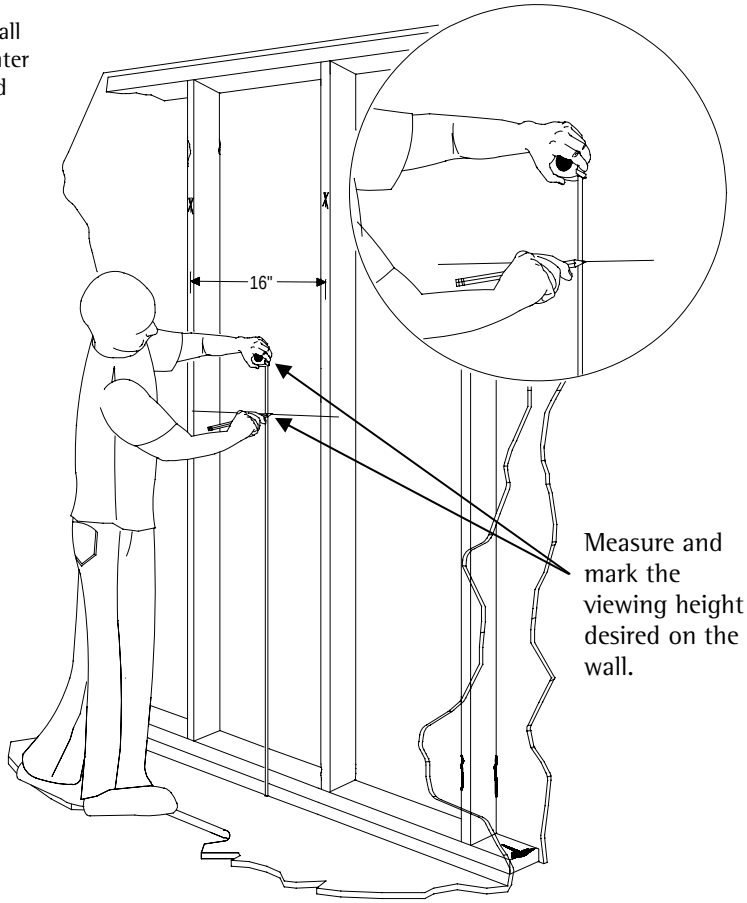


Figure 13

NOTE: Although not depicted in the illustrations shown above, the width of this wall mount will encompass four wall studs (three studs if 24” apart).

4. Level the wall plate with the reference arrow pointing up to the ceiling (Figure 15).
5. Drill six (6) ¼" pilot holes to the marked wall.
6. Secure the plate using the six (6) 5/16" lag bolts and flat washers (Figure 16).

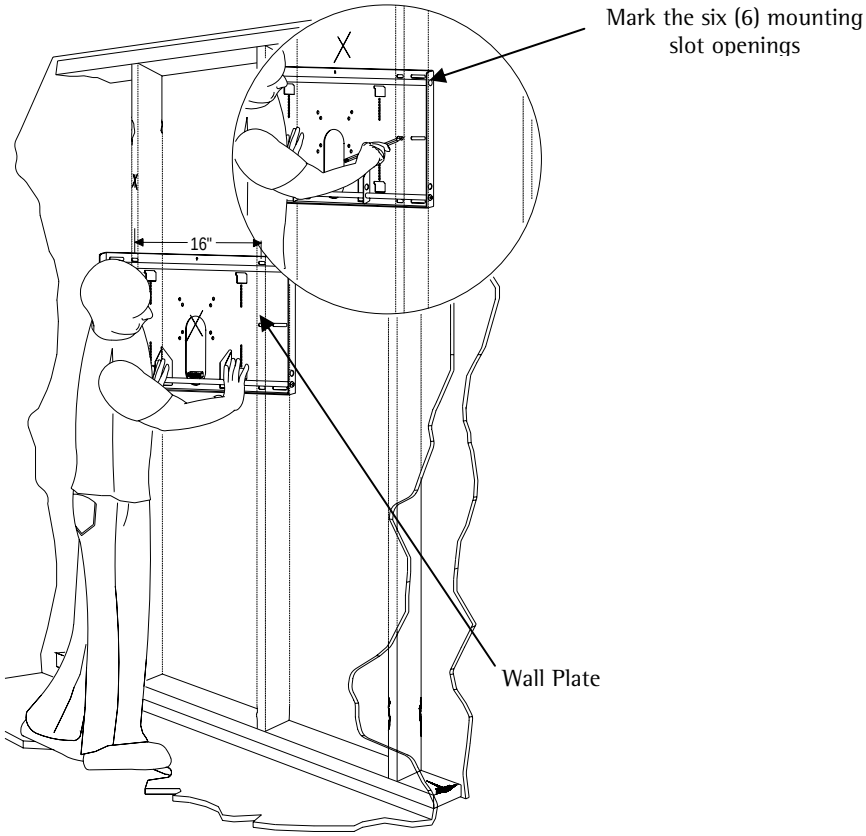


Figure 15

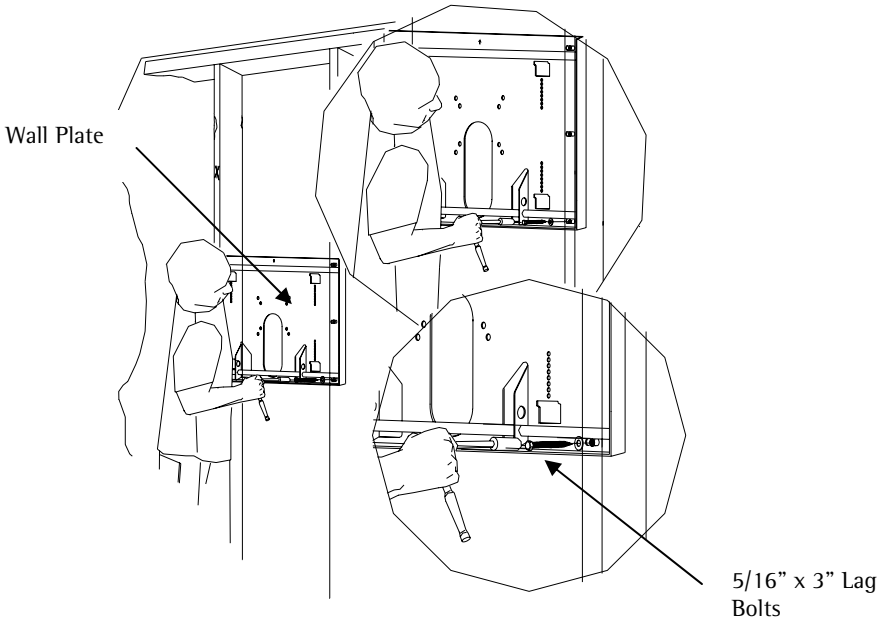


Figure 16. Wood Installation

NOTE: Although not depicted in the illustrations shown above, the width of this wall mount will encompass four wall studs (three studs if 24" apart).

Installing the Flat Panel Display (CTM-MS2)

WARNING: AT LEAST (2) QUALIFIED PERSONNEL ARE STRONGLY RECOMMENDED FOR INSTALLATION OF THIS PRODUCT. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY AND POSSIBLE DAMAGE TO THE FLAT PANEL.

1. Raise the flat panel with the LEFT and RIGHT mounting brackets secured to the flat panel and insert the top hooks over the upper rod. The lower hooks should rest on the lower rod (Figure 17).

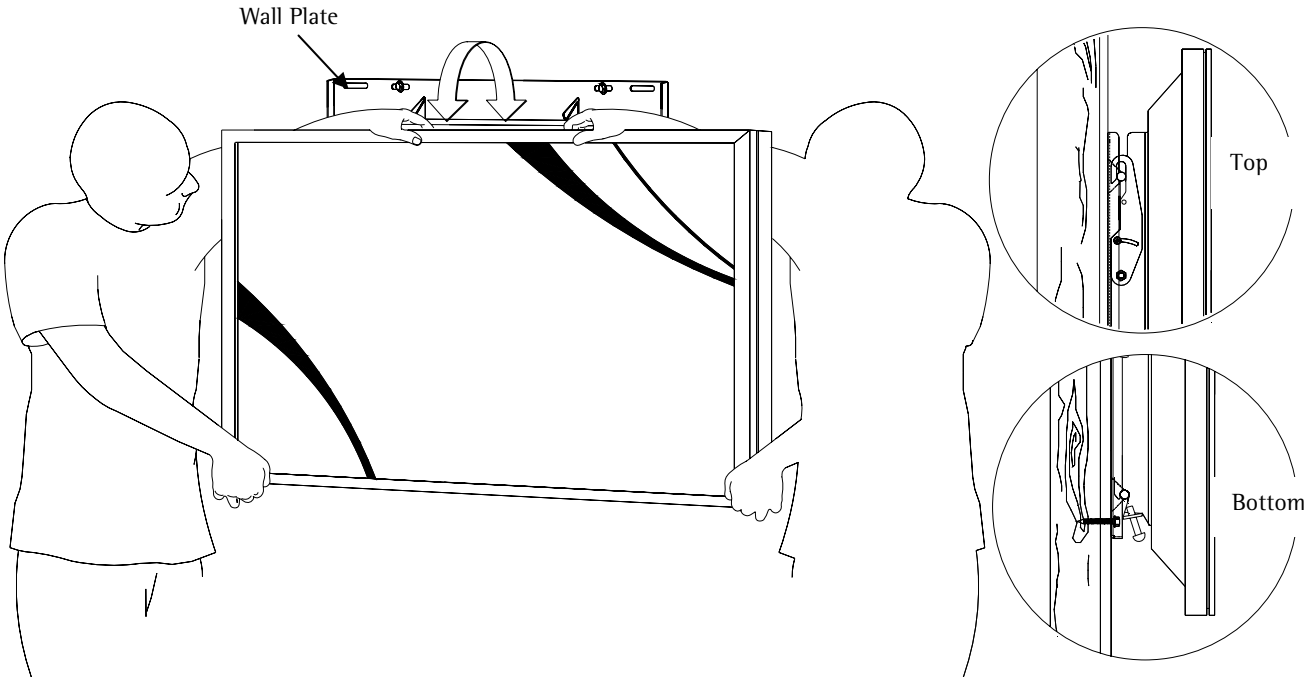


Figure 17

NOTE: Although not depicted in the illustrations shown above, the width of this wall mount will encompass four wall studs (three studs if 24" apart).

2. Make any lateral shift adjustment and lock it by tightening the two (2) M6 x 30mm Phillips screws found on the bottom of the mounting brackets. Use the foot leveler to adjust your plasma.

CAUTION: Do not over tighten the M6 x 30mm screws to the rods (Figure 18).

NOTE: To remove the display from the wall simply back off the M6 x 30mm screws using a Phillips screwdriver and lift the unit of the wall carefully.

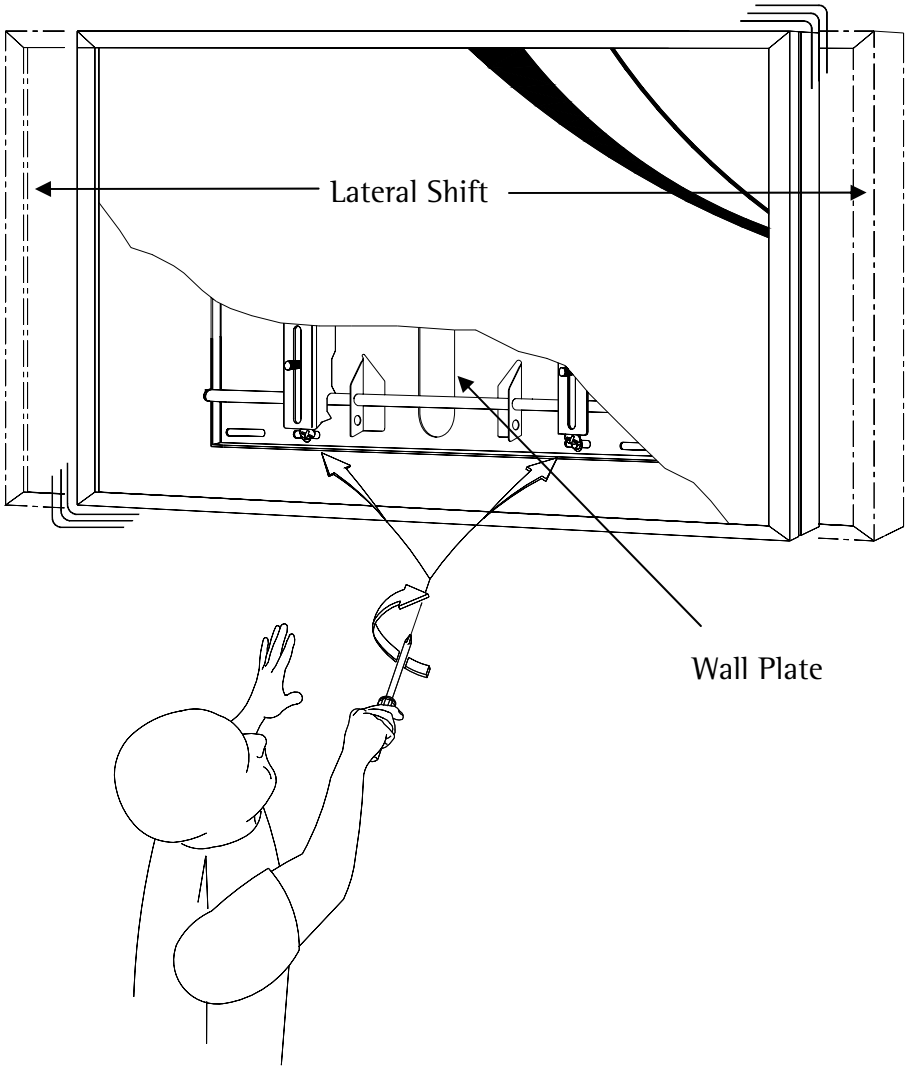


Figure 18

NOTE: Although not depicted in the illustrations shown above, the width of this wall mount will encompass four wall studs (three studs if 24" apart).

3. Tilt the flat panel and secure the two (2) M6 x 12mm safety knobs to each of the mounting brackets (Figure 19).

NOTE: To remove the display from the wall simply extend the display to its maximum tilt range, remove the two 6 (mm) safety knurl knobs push the flat panel back to it's flat position, loosen or remove the two (2) M6 x 30 lateral shift screws and lift the unit of the wall.

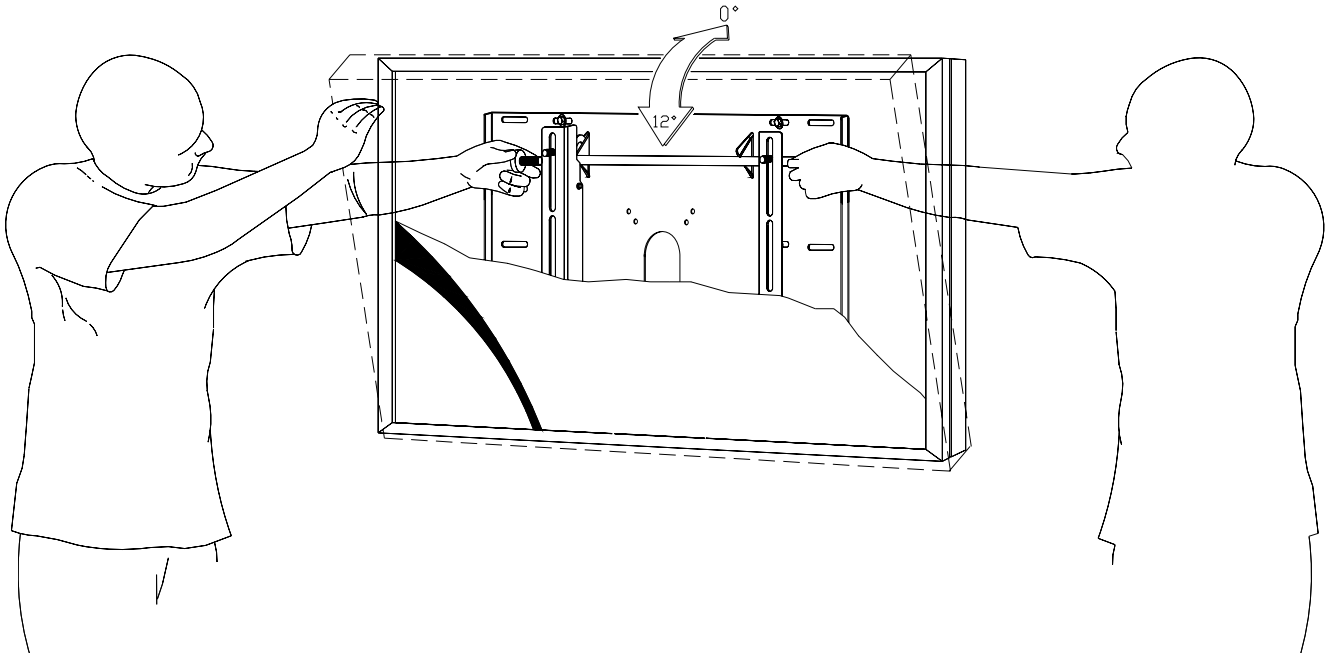
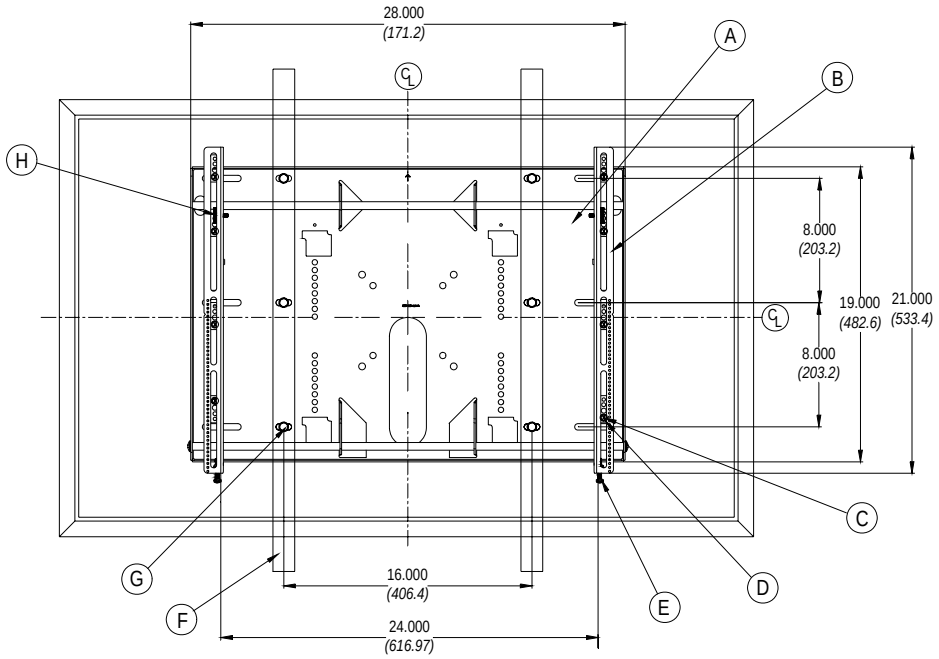
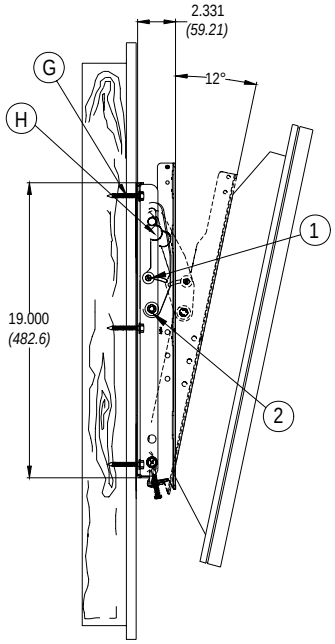


Figure 19

NOTE: Although not depicted in the illustrations shown above, the width of this wall mount will encompass four wall studs (three studs if 24" apart).

Technical Specifications





A. Wall plate
B. Mounting brackets
C. Griplate™
D. Mounting hardware
E. M6 x 30 (mm) Phillip screws
F. Wood stud
G. 5/16” x 3” Lag screws and flat washers
H. Safety knobs

Figure 20

Warranty

Limited Lifetime Warranty

All Premier Mounts products carry a limited lifetime warranty from ship date against defects in materials and workmanship. Premier Mounts is not liable for improper installation that results in damage to mounts, adapters, display equipment or personal injury.

Contact Premier Mounts

In the event of missing and/or damage equipment, or technical questions, the following information can help in the completion of the installation.

Customer Service – (800) 368-9700
Technical Support – techsupport@mounts.com

Notes

Premier Mounts
3130 E. Miraloma Avenue
Anaheim, CA 92806
Phone: (800) 368-9700 Fax: (800) 832-4888
mounts@mounts.com www.mounts.com

IN-CTMMS2.R2

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The original holding company

AST-2446/2 INSTALLATION INSTRUCTIONS

1. Separate the upper pipe and lower tube. Install the upper pipe to the ceiling structure using commercial standards and commercially available suitable hardware (Figure 1).
2. Once the upper pipe has been properly secured to the ceiling structure. Screw the base box or any ceiling adapters to the lower portion of the AST-2446 and secure it with the jam nut (supplied). Slide the lower tube to the secured pipe, adjust the desired height and lock with the two (2) height adjustable locking pins. Then screw in the three (3) thumbscrews to stabilize the pipes (Figure 2).
3. Install the mounting bracket into the projector (according to the mounting kit instructions) and raise the projector to slide through the slot openings from the bracket into the base box. (Refer to the mounting kit installations). Check all hardware for proper tightness and security).
4. The upper pipe has a duplicate set of thru holes. This allows you to change the normal 24" to 46" adjustable range to 12" to 24" (Figure 3).
5. Adjustable range with a simple cut of the adapter. We recommend cutting 5/8" from the center of the first hole of the second set of thru holes on the upper pipe. Cut between the 8th and 9th hole from the mounting plate (Figure 3).

WARNING: The wall/ceiling should be capable of supporting a weight of at least five (5) times the plasma displays. If not, the ceiling must be reinforced. Proper installation procedure by qualified personnel as outlined in the installation instructions must be adhered to. Failure to do so could result in serious personal injury.

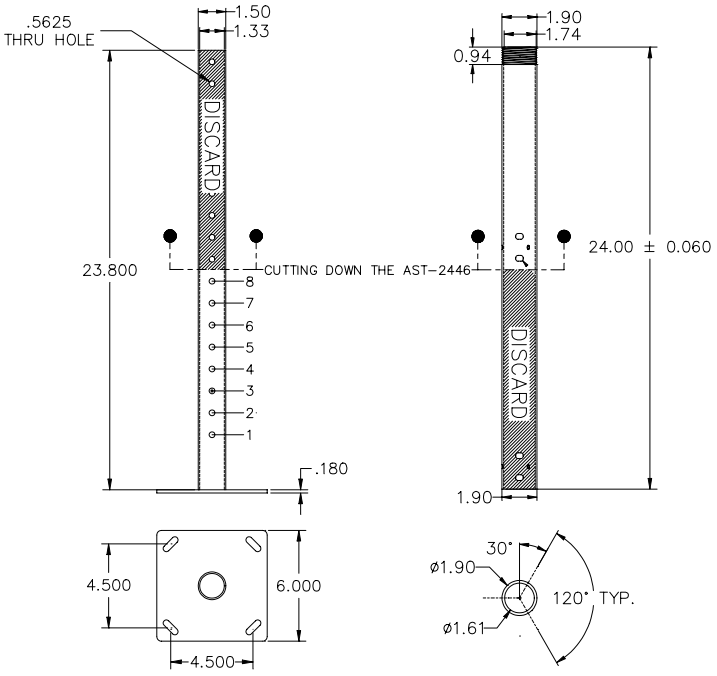

Figure 1.

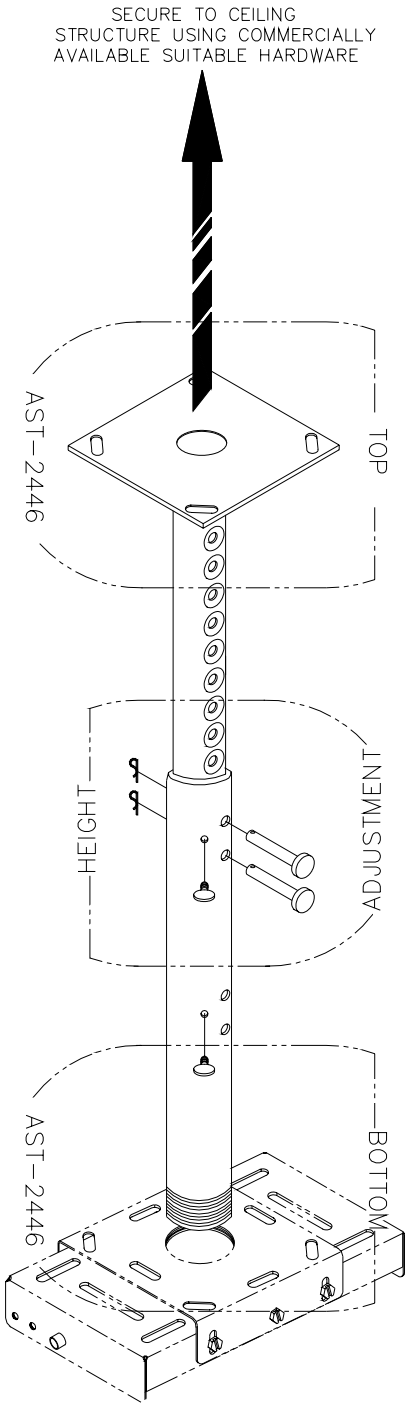

Figure 2.

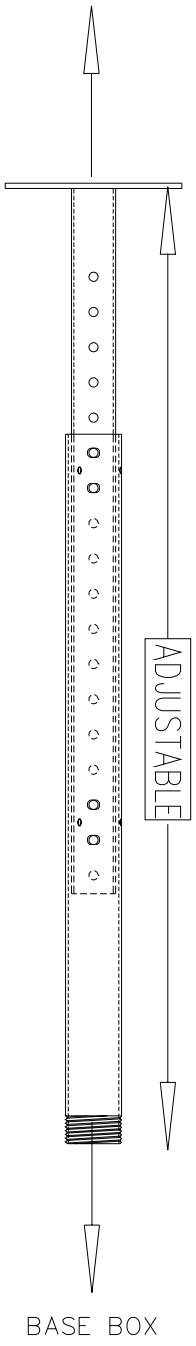

Figure 3.

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PSD-S INSTALLATION INSTRUCTIONS

1. Separate the upper pipe and the lower tube.
2. Install the upper pipe in the ceiling structure using suitable commercial hardware.
3. Screw the lower portion of the PSD-S to the coupling and secure with the Allen screws.
4. Once the upper pipe has been properly installed, insert the lower tube (with the PSD-S attached) inside the upper pipe.
5. Adjust the desired height and lock it with the two (2) through bolts.
6. Then screw in the (3) three thumbscrews to stabilize the pipe and tube.